



How to change rear strut  
mount on **Audi A4 B7**  
**Avant** – replacement  
guide

**VIDEO TUTORIAL**



** Important!**

This replacement procedure can be used for:

AUDI A6 Saloon (4F2, C6) 3.0 TFSI quattro, AUDI A6 Avant (4F5, C6) 3.0 TFSI quattro, AUDI A6 Saloon (4F2, C6) 3.2 FSI, AUDI A4 Saloon (8E2, B6) 1.8 T, AUDI A4 Saloon (8E2, B6) 2.0, AUDI A4 Saloon (8E2, B6) 1.8 T quattro, AUDI A4 Saloon (8E2, B6) 3.0, AUDI A4 Saloon (8E2, B6) 3.0 quattro, AUDI A4 Saloon (8E2, B6) 1.9 TDI, AUDI A4 Saloon (8E2, B6) 2.5 TDI quattro, AUDI A4 Saloon (8E2, B6) 1.6, AUDI A4 Saloon (8E2, B6) 2.5 TDI, AUDI A4 Avant (8E5, B6) 1.6, AUDI A4 Avant (8E5, B6) 2.0, AUDI A4 Avant (8E5, B6) 1.8 T, (+ 107)

The steps may slightly vary depending on the car design.

**REPLACEMENT: STRUT MOUNT – AUDI A4 B7 AVANT.  
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #21
- Drive socket # 13
- Drive socket # 21
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Hammer
- Pin punch
- Rubber mallet
- Hydraulic transmission jack
- Wheel chock

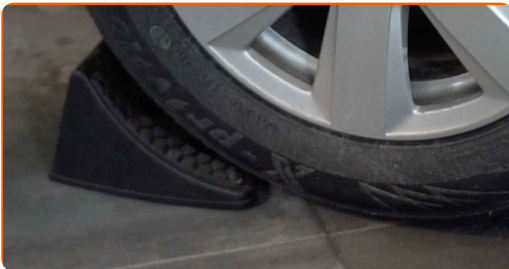
**BUY TOOLS**

Replacement: strut mount – Audi A4 B7 Avant. Tip from AUTODOC experts:

- The replacement procedure is identical for the mounts of the right and left shock absorbers of the rear suspension.
- Both mounts of the rear shock struts should be replaced simultaneously.
- Please note: all work on the car – Audi A4 B7 Avant – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.



**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**3** Raise the rear of the car and secure on supports.



**4** Unscrew the wheel bolts.



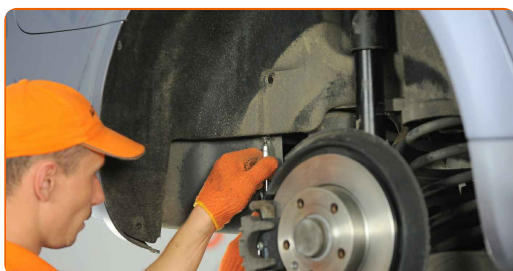
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Audi A4 B7 Avant

**5** Remove the wheel.



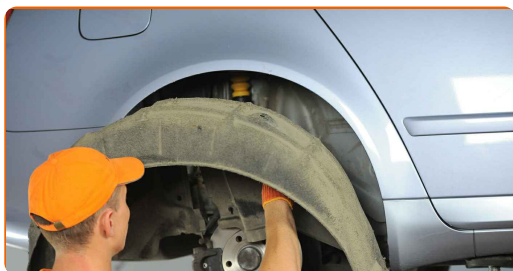
**6.1** Unscrew and remove the wheel arch cover fasteners. Use a drive socket #13.



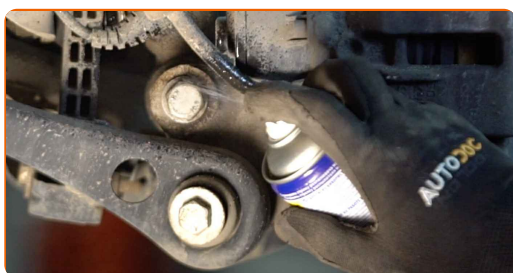
**6.2** Use Torx T25. Use a ratchet wrench.



**7** Remove the wheel arch cover.



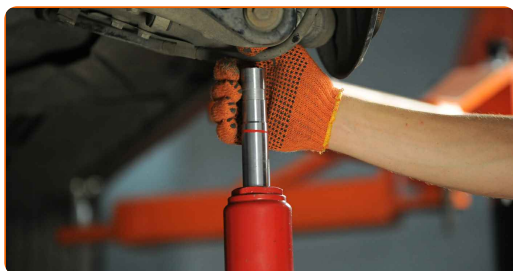
**8** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



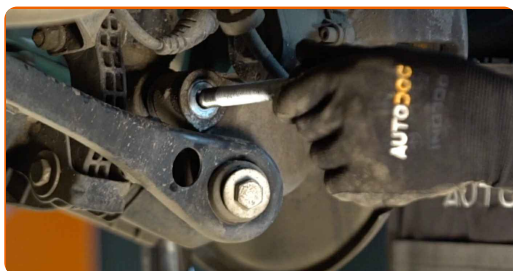
**9** Unscrew the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.



**10** Support the arm. Use a hydraulic transmission jack.



**11** Remove the fastening bolt.





**12**

Detach the lower part of the shock absorber. Use a pin punch. Use a hammer.

**13**

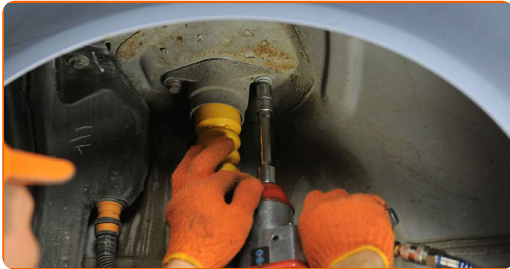
Remove the support from under the arm.

**AUTODOC recommends:**

- Replacement: strut mount – Audi A4 B7 Avant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**14**

Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench.

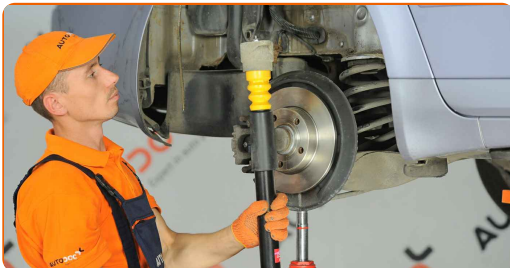


**Replacement: strut mount – Audi A4 B7 Avant. Tip:**

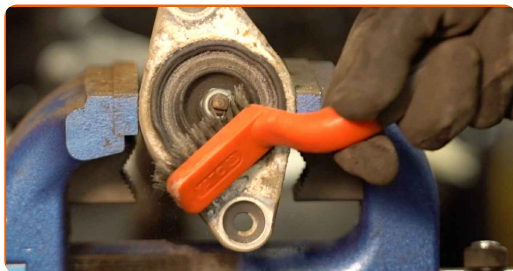
- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

**15**

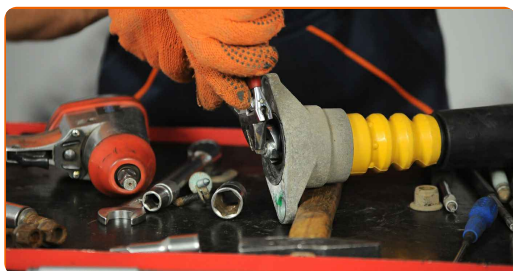
Remove the shock absorber.



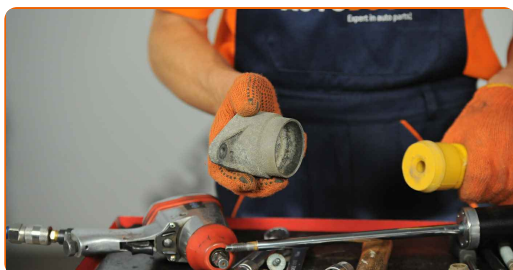
**16** Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



**17** Remove the shock absorber piston rod fastening. Use a combination spanner #17. Use an adjustable wrench.



**18** Remove the top mount.



**19** Remove the shock absorber dust cap and the bump stop.

**20** Install the new mount, boot, and bump stop on the shock absorber.





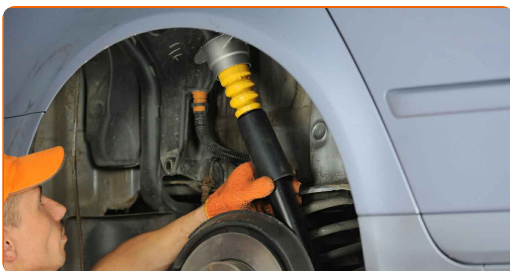
- 21** Tighten the shock absorber rod nut. Use a combination spanner #17. Use an adjustable wrench. Use a torque wrench. Tighten it to 25 Nm torque.



- 22** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



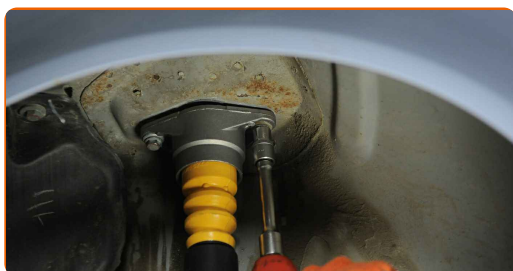
- 23** Place the shock absorber in the wheel arch and secure it.



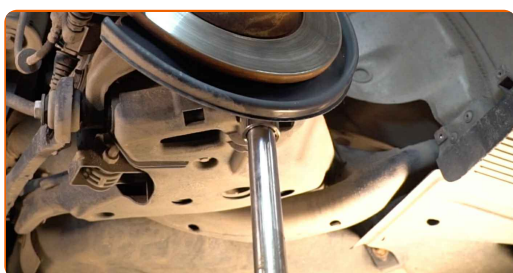
**AUTODOC recommends:**

- Important! Hold the shock absorber while screwing in the fastening bolts. Audi A4 B7 Avant

- 24 Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 36 Nm torque.

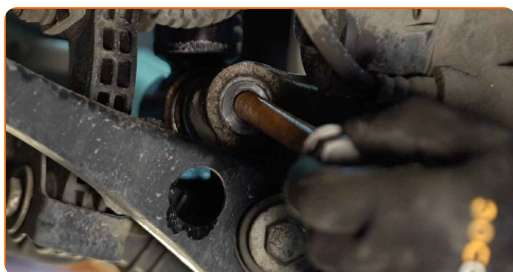


- 25 Support the arm. Use a hydraulic transmission jack.



- 26 Attach the lower part of the shock absorber.

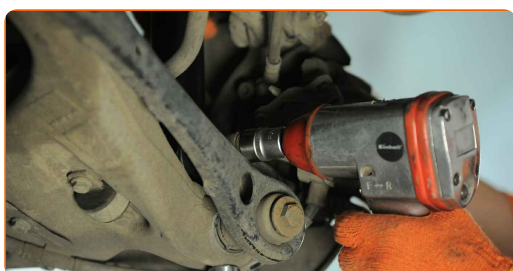
- 27 Install the fastening bolt.



- 28 Screw in the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench.

- 29 Raise the hydraulic transmission jack by 10-15 cm.

- 30 Tighten the lower fastener of the shock absorber. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 150 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

31

Remove the support from under the arm.

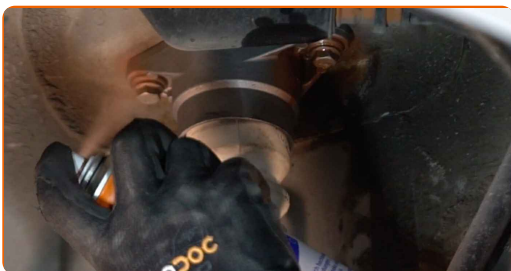


Replacement: strut mount – Audi A4 B7 Avant. AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

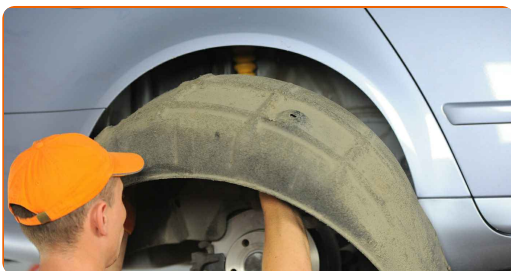
32

Treat the shock strut fasteners. Use copper grease.

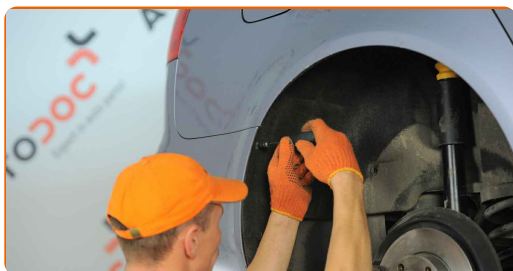


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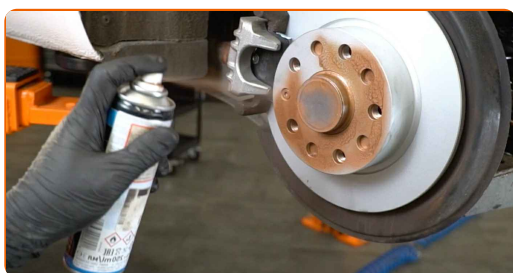
Install the wheel arch cover to its mounting seat.



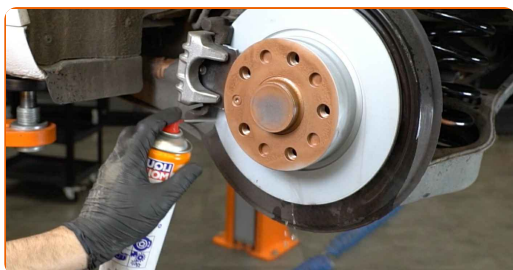
**34** Install and tighten the wheel arch cover fasteners. Use a drive socket #13. Use Torx T25. Use a ratchet wrench.



**35** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



**36** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – Audi A4 B7 Avant. After applying the spray, wait a few minutes.

**37** Install the wheel.



Replacement: strut mount – Audi A4 B7 Avant. Professionals recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

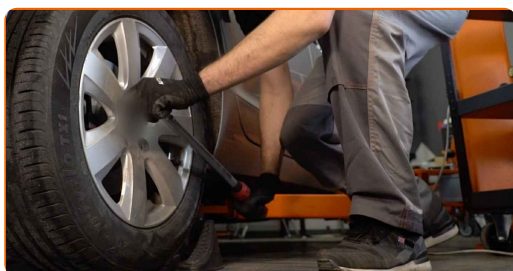
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Screw in the wheel bolts. Use wheel impact socket #17.



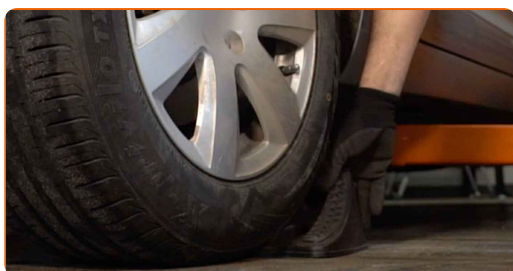
39

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



40

Remove the jacks and chocks.



**WELL DONE!** 

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